

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

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Application Serial Number:

10/089,027
11/10/05

Source:

Date Processed by STIC:

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FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05



IFW16

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/089,027

DATE: 04/21/2005
TIME: 11:37:43

Input Set : A:\NEB-166-PUS.APP.txt
Output Set: N:\CRF4\04212005\J089027.raw

3 <110> APPLICANT: JACK, WILLIAM E.
4 GARDNER, ANDREW
5 BUZBY, PHILIP R.
6 DIMEO, JAMES J.
7 NEW ENGLAND BIOLABS, INC.
8 NEN LIFE SCIENCE PRODUCTS, INC.
10 <120> TITLE OF INVENTION: INCORPORATION OF MODIFIED NUCLEOTIDES BY ARCHAEOON DNA
11 POLYMERASES AND RELATED METHODS
13 <130> FILE REFERENCE: NEB-166-PUS
15 <140> CURRENT APPLICATION NUMBER: 10/089,027
16 <141> CURRENT FILING DATE: 2002-03-26
18 <150> PRIOR APPLICATION NUMBER: PCT/US00/26900
19 <151> PRIOR FILING DATE: 2000-09-29
21 <150> PRIOR APPLICATION NUMBER: 60/157,204
22 <151> PRIOR FILING DATE: 1999-09-30
24 <160> NUMBER OF SEQ ID NOS: 33
26 <170> SOFTWARE: PatentIn Ver. 2.0

Does Not Comply
Corrected Diskette Needed

(pg. 1,3) *2*

ERRORED SEQUENCES

430 <210> SEQ ID NO: 31
431 <211> LENGTH: 631
432 <212> TYPE: DNA
433 <213> ORGANISM: Consensus using 9 degrees N or AmpliTaq
435 <220> FEATURE:
436 <221> NAME/KEY: misc_feature
437 <222> LOCATION: (2)..(3)
438 <223> OTHER INFORMATION: n is a, c, g, or t
440 <220> FEATURE:
441 <221> NAME/KEY: misc_feature
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443 <223> OTHER INFORMATION: s is g or c
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453 <223> OTHER INFORMATION: n is a, c, g, or t
455 <220> FEATURE:
456 <221> NAME/KEY: misc_feature

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/089,027

DATE: 04/21/2005
TIME: 11:37:43

Input Set : A:\NEB-166-PUS.APP.txt
Output Set: N:\CRF4\04212005\J089027.raw

457 <222> LOCATION: (18)..(18)
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467 <222> LOCATION: (35)..(35)
468 <223> OTHER INFORMATION: k is g or t
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472 <222> LOCATION: (39)..(39)
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477 <222> LOCATION: (46)..(46)
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502 <222> LOCATION: (152)..(152)
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513 <223> OTHER INFORMATION: m is a or c
515 <220> FEATURE:
516 <221> NAME/KEY: misc_feature
517 <222> LOCATION: (530)..(530)

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/089,027

DATE: 04/21/2005
TIME: 11:37:43

Input Set : A:\NEB-166-PUS.APP.txt
Output Set: N:\CRF4\04212005\J089027.raw

518 <223> OTHER INFORMATION: m is a or c
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 521 <221> NAME/KEY: misc_feature
 522 <222> LOCATION: (544)..(544)
 523 <223> OTHER INFORMATION: k is g or t
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 526 <221> NAME/KEY: misc_feature
 527 <222> LOCATION: (565)..(565)
 528 <223> OTHER INFORMATION: w is a or t
 530 <220> FEATURE:
 531 <221> NAME/KEY: misc_feature
 532 <222> LOCATION: (587)..(588)
 533 <223> OTHER INFORMATION: k is g or t
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 537 <222> LOCATION: (593)..(593)
 538 <223> OTHER INFORMATION: w is a or t
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 542 <222> LOCATION: (596)..(596)
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 545 <220> FEATURE:
 546 <221> NAME/KEY: misc_feature
 547 <222> LOCATION: (616)..(616)
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 552 <222> LOCATION: (621)..(621)
 553 <223> OTHER INFORMATION: k is g or t
 555 <400> SEQUENCE: 31
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 558 ccygggtacc gagctcngaa ttcnngtaatc atggcatag ctgtttcctt gtgtgaaatt 120
 560 gttatccngc tcacaattcc acacaacata cngagccgga agcataaaagt gtaaaagcctg 180
 562 ggggtgcctaa tgagtgagct aactcacatt aattgcgttg cgctcacttg cccgccttcc 240
 564 agtcggggaaa cctgtcgtgc cagctgcatt aatgaatcg 300
 566 ttgggcggcca gggtggttt tcttttccacc agtgagacgg gcaacagctg attgccttc 360
 568 accgcctggc cyttagagag ttgcagcaag cggccacgc tggttgcgc cagcaggcga 420
 570 aaatatggtg gttccgaaat cggcaaaatc cttataaaat caaaaagaata gccccgagat 480
 572 agggttgaag tgggttcca gtttggaaaca agatccmct attaaagaam gtggactcca 540
 574 acgkcaaagg gcaaaaaacc gtctwtcagg ggcgatggcc actacgkkaa ccwtcmctca 600
 E--> 576 atcaagtttt tggggkcgag kggccgttaa gctta 635

See
error
Explanation
on pg. 1.

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/089,027

DATE: 04/21/2005
TIME: 11:37:44

Input Set : A:\NEB-166-PUS.APP.txt
Output Set: N:\CRF4\04212005\J089027.raw

L:556 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0
M:341 Repeated in SeqNo=31
L:576 M:252 E: No. of Seq. differs, <211> LENGTH:Input:631 Found:635 SEQ:31
L:626 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32 after pos.:0
M:341 Repeated in SeqNo=32
L:861 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33 after pos.:0
M:341 Repeated in SeqNo=33